

20011028.qrp v02_n356.qrl.20011028

Date: Sun, 28 Oct 2001 19:03:11 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2356

QRP-L Digest 2356

Topics covered in this issue include:

- 1) [109758] Why 14.060?
by "Karl F. Larsen" <k5di@zianet.com>
- 2) [109759] Help--connecting up SGC 239 coupler
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 3) [109760] Re: Field Day 2001 scores out
by Fred Lesnick <flesnick@tbaytel.net>
- 4) [109761] RE: Free PCB software w/ gerber out
by jacksonharbor@att.net
- 5) [109762] HT Efficiencies
by Kenneth Hoglund <hoglund@wfu.edu>
- 6) [109763] 10 Turn Pot for Ten-Tec 1320
by "Pat J. Whelton" <pwhelton@hal-pc.org>
- 7) [109764] More FD Results
by "Bob Tellefsen" <n6wg@earthlink.net>
- 8) [109765] Re: Time for eQSLs?
by Lee Hopper <leehop@qwest.net>
- 9) [109766] Defined QRP Frequency
by "Karl F. Larsen" <k5di@zianet.com>
- 10) [109767] Why 14.060?
by William R Colbert <w5xe@juno.com>
- 11) [109768] Have FD Results now-Thanks
by Fred Lesnick <flesnick@tbaytel.net>
- 12) [109769] FS: Heath HD-1410 and HM-11
by "NZ8J" <timcook@erinet.com>
- 13) [109770] Re: Defined QRP Frequency
by baltimoremd@baltimoremd.com
- 14) [109771] Looking for Cushcraft R7 owners
by Paul Womble <pwomble1@tampabay.rr.com>
- 15) [109772] Contest- Zombie Shuffle @ K4FB
by Paul Womble <pwomble1@tampabay.rr.com>
- 16) [109773] Re: Defined QRP Frequency
by "w8diz" <w8diz@fpqrp.com>
- 17) [109774] Re: Defined QRP Frequency
by Fred Lesnick <flesnick@tbaytel.net>
- 18) [109775] Re: Defined QRP Frequency
by "Mike Malone" <mmalone@worldlogon.com>
- 19) [109776] Re: Free PCB software w/ gerber out

- by "Leon Heller" <leon_heller@hotmail.com>
- 20) [109777] Re: Elmer 101 Again = Good Idea!!
by Darrel Swenson <k0awb@tconl.com>
- 21) [109778] Contest: Zombie Results K7RE
by Brian Kassel <bkassel@dancris.com>
- 22) [109779] Re: Defined QRP Frequency
by "David Porter" <aa3ur@home.com>
- 23) [109780] Re: Zombie Shuffle & the bands
by "Rod N0RC" <rod@n0rc.com>
- 24) [109781] Re: HT Efficiencies
by "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
- 25) [109782] Re: Looking for Cushcraft R7 owners
by Hugo <hugo@optonline.net>
- 26) [109783] Re: Why 14.060?
by "Mark J. Dulcey" <mark@buttery.org>
- 27) [109784] Re: CQ WW DX SSB Contest Stations (long)
by "Dave Fifield" <dave@redhotradio.com>
- 28) [109785] Re: Free PCB software w/ gerber out
by Euramcom <mel@euramcom.freemove.co.uk>
- 29) [109786] Re: CQ WW DX SSB Contest Stations (long)
by "Donny Sirait" <dsirait@centrin.net.id>
- 30) [109787] TEN IS OPEN
by "w8diz" <w8diz@fpqrp.com>
- 31) [109788] Re: CQ WW DX SSB Contest Stations (long)
by "George, W5YR" <w5yr@att.net>
- 32) [109789] Why QRP Frequencies
by "Karl F. Larsen" <k5di@zianet.com>
- 33) [109790] Re: 10 Turn Pot for Ten-Tec 1320
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 34) [109791] the director ma5b cushcraft
by "kw3u@warwick.net" <kw3u@warwick.net>
- 35) [109792] Re: Why QRP Frequencies
by Paul Womble <pwomble1@tampabay.rr.com>
- 36) [109793] Re: CQ WW DX SSB Contest Stations (long)
by Bruce Muscolino <w6toy@erols.com>
- 37) [109794] Re: Why QRP Frequencies
by Bruce Muscolino <w6toy@erols.com>
- 38) [109795] RE: CQ WW DX SSB Contest Stations (long)
by "Len Revelle" <lenrev@ameritech.net>
- 39) [109796] Re: CQ WW DX SSB Contest Stations (long)
by "Michael Melland" <w9wis@charter.net>
- 40) [109797] FS:YAESU FRG-100 SHORTWAVE RECEIVER LIKE-NEW \$330PPD
by RLucch2098@aol.com
- 41) [109798] Re: Why QRP Frequencies
by Garie Halstead <k8kfj@ntelos.net>
- 42) [109799] The Essence of Amateur Radio
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 43) [109800] corntesting, calling freq??

- by Joel M Denison <hamjoel@juno.com>
- 44) [109801] sry ah got disconnected... freq etc...
by Joel M Denison <hamjoel@juno.com>
- 45) [109802] Re: Guantanamo Bay
by "Bob Tellefsen" <n6wg@earthlink.net>
- 46) [109803] 6Y5/W8ILC - 14.008 - 0254z
by William R Colbert <w5xe@juno.com>
- 47) [109804] Re: sry ah got disconnected... freq etc...
by Dave Fouchey <dafouchey@home.com>
- 48) [109805] CW QRP Calling Frequencies and a Heretical Suggestion (Long)
by "James R. Duffey" <jamesd1@flash.net>
- 49) [109806] FD 2001: Back Patting
by "Marshall Emm" <mgemm@mtechnologies.com>
- 50) [109807] To my QRP friends...
by "N7SG K7FD" <k7fd@hotmail.com>
- 51) [109808] Re: Why QRP Frequencies
by Larry Cahoon <lejek@erols.com>
- 52) [109809] Re: Defined QRP Frequency
by "Jim FitzSimons" <cherry@getnet.net>
- 53) [109810] Re: Why QRP Frequencies
by "N7SG K7FD" <k7fd@hotmail.com>
- 54) [109811] qrp time during contest
by Michael Goins <mgoins@usa.net>
- 55) [109812] eQSLs quick follow-up
by "Rod N0RC" <rod@n0rc.com>
- 56) [109813] Re: CW QRP Calling Frequencies and a Heretical Suggestion (Long)
by "N7SG K7FD" <k7fd@hotmail.com>
- 57) [109814] QSLing
by Bruce Rattray <rattray@gpfn.sk.ca>
- 58) [109815] Re: eQSLs quick follow-up
by w2agn@pobox.com (John Sielke)
- 59) [109816] Re: CW QRP Calling Frequencies and a Heretical Suggestion
(Long)
by Pete Burbank <plburbank@kih.net>
- 60) [109817] Re: FD 2001: Back Patting
by Bob Schreibmaier <k3ph@dxis.monroe.pa.us>
- 61) [109818] Re: FD 2001: Back Patting
by Paul Womble <pwomble1@tampabay.rr.com>
- 62) [109819] CQ WW
by "Steven Weber" <kd1jv@moose.ncia.net>
- 63) [109820] Re: Small G5RV
by Lew Paceley <lew@paceley.com>
- 64) [109821] Re: FD 2001: Back Patting
by "Dave Fifield" <dave@redhotradio.com>
- 65) [109822] Re: FD 2001: Back Patting
by w2agn@pobox.com (John Sielke)
- 66) [109823] HB - crystal filters & hb receivers
by "Harry Hurst" <wa3ptg@home.com>

- 67) [109824] FOX: The Rules
by "Marshall Emm" <mgemm@mtechnologies.com>
- 68) [109825] Re: CW QRP Calling Frequencies and a Heretical Suggestion (Long)
by "Marty N5NW" <n5nw@onebox.com>
- 69) [109826] who owns the frequency
by DENNIS SMITH <ne4o@swbell.net>
- 70) [109827] FD 2001 by W2L Gang
by "Mark S. Adams, P.E." <msadams@acsu.buffalo.edu>
- 71) [109828] Re: HB - crystal filters
by dtayloe@home.com
- 72) [109829] Re: CW QRP Calling Frequencies and a Heretical Suggestion (Long)
by "James R. Duffey" <jamesd1@flash.net>
- 73) [109830] Re: CW QRP Calling Frequencies and a Heretical Suggestion (Long)
by "James R. Duffey" <jamesd1@flash.net>
- 74) [109831] Re: CW QRP Calling Frequencies and a Heretical Suggestion
by William R Colbert <w5xe@juno.com>
- 75) [109832] I'm digital dumb
by IamSF5@aol.com

Date: Sat, 27 Oct 2001 17:12:08 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [109758] Why 14.060?
Message-ID: <Pine.LNX.4.33.0110271708210.1276-1000000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm a new QRP op and I also use Pactor to get my e-mail when camped in my favorite mountain valley. I was surprised that the QRP "Calling Frequency" is somehow defined as 14.06. Why? This is on the edge of the digital world and makes the only way to move back into the FIST defined area.

Why not 14.04 like on 40 meters?

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sat, 27 Oct 2001 19:28:19 -0400

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [109759] Help--connecting up SGC 239 coupler
Message-ID: <200110271928_MC3-E4D7-5BBA@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Need help with connecting an SGC 239 tuner. It comes out of the box
without standard SO-239 or BNC connectors. Anyone who can offer ideas? =

Sure will appreciate it. Thanks in advance.

73,
--Doc/K0EVZ

Date: Sat, 27 Oct 2001 19:39:53 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: pwomble1@tampabay.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [109760] Re: Field Day 2001 scores out
Message-ID: <3BDB45C9.2B9E2928@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Could someone on the list please email me the Adobe Format results of
Field Day 2001.

I am not a member, and so far looks like this is the only way to see
them.

Fred
VE3FAL

Paul Womble wrote:

>
> See:
>
> <http://www.arrl.org/members-only/qst/contests/results/2001/FD-RESULTS.pdf>
>
> N4DL and I brought home the gold in the 2B-2 Battery category.

>
> 73
> Paul K4FB

Date: Sat, 27 Oct 2001 23:53:17 +0000
From: jacksonharbor@att.net
To: qrp-1@lehigh.edu
Cc: n8mx@yahoo.com
Subject: [109761] RE: Free PCB software w/ gerber out
Message-ID:
<20011027235317.UFNW4554.mtiwmhc22.worldnet.att.net@webmail.worldnet.att.net>

>I need to also be
>able to output gerber files, because I can have free

Andy -

A lot of the freeware programs with gerber output have
size limitations - depending on the complexity of your
board, you may not be able to go with freeware.

I *think* that the freeware version of Eagle does Gerber:

<http://www.cadsoft.de/freeware.htm>

I know that Easytrax does have Gerber output:

<http://www.contrive.it/Download/easytrax.zip>

BTW, be sure to use a freeware viewer program like
GCPreview:

<http://www.contrive.it/Download/gerbview.zip>

or it's equivalent - you should verify that
the Gerber output is actually what you want before you
send the files for manufacture.

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press
<http://jacksonharbor.home.att.net/ham.htm>

Date: Sat, 27 Oct 2001 17:47:15 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [109762] HT Efficiencies
Message-ID: <3BDB2B63.2F11EAA1@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang---

What follows is the list of either oft-recommended ht's or ones I thought would fit my needs. Many are more than the \$100-150 range I was looking in, but because of high recommendations, it seemed useful to include them.

Rig	Trans efficiency	Recv efficiency
-----	------------------	-----------------

Icom

IC-V8	38%	60%
IQ7A	27%	88%
IQ-T2H	39%	65%
IQ-T7H	28%	29%

Kenwood

TH-22	26%	32%
TH-G71A	29%	52%

Yaesu

VX-1R	35%	87%
VX-5R	41%	22%
VX-150	53%	43%

In all but the VX-5R, I used the published power specs. The 5R has something dramatically wrong with it's published receiver power requirements, so I estimated.

Many thanks to a number of you who sent suggestions, or who simply said you looked forward to seeing what the final results looked like. Special thanks to Steve N7TX who has patiently provided me with a condensed tutorial on 2m operations and how to assess what local ops are telling me. Again, my point in doing this is simply to use the relative efficiencies of these ht's as one factor among many in assessing what to purchase.

Among new rigs, the IC-T2H and VX-150 offer excellent efficiencies, simple rugged construction, and most of the features folks seem to need for normal operating conditions. The reviews in QST and on-line at e-ham are excellent, and give these rigs high marks. Checking around on the web, there are some great deals on both these rigs which bring them within the \$100-150 range. I may end up with one or the other, though some very gracious folks on the list have offered me surplus ht's that I'm also considering.

Hope this is of help to more than me!

73

Ken KG4FGC

Date: Sat, 27 Oct 2001 19:44:03 -0500
From: "Pat J. Whelton" <pwhelton@hal-pc.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [109763] 10 Turn Pot for Ten-Tec 1320
Message-ID: <002b01c15f49\$a6687740\$3398fea9@halpc.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm getting very close to finishing up the Ten-Tec 1320 and hope to have it on the air soon. I happened to be in an electronic parts store today and picked up a 10 turn, linear taper, 20K pot made by Duncan Electronics for a very good price (\$3.95). I've heard of folks swapping out the 1 turn main tuning dial in the 1320 with a 10 turn pot so I jumped at the deal. Is this a direct swap out or are there other components I need to change? Thanks for your help and I hope to be back on the air again soon after close to a 20 year layoff.

73,

Pat - KZ5J

Date: Sat, 27 Oct 2001 18:02:54 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [109764] More FD Results
Message-ID: <MABBJOEABOILMKCJCLFCCEEEECMAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now that the Field Day results are out, and everyone else is tooting their horn, guess I'll do the same.

For the 16th year in a row, the Alameda County Radio Club, operating under the call N6WG, took first place in class 8A Battery.

The funny thing is that until we started going QRP 16 years ago, we never did very well. With the interest and challenge that QRP brought, the club really dug in and got going.

See you all next FD.
73, Bob N6WG

Date: Sat, 27 Oct 2001 18:19:57 -0700
From: Lee Hopper <leehop@qwest.net>
To: qrp-1@Lehigh.EDU, rod@n0rc.com
Subject: [109765] Re: Time for eQSLs?
Message-ID: <3BDB5D3D.40300@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Rod -

I just have to say what a good idea I think you have here.

I went to my first dx club meeting last night - at a pizza place where we all sorted qsl cards from all over the world.

This was a great group of guys - some of whom read this reflector. They like to talk dx, go on dxpeditions, show their rare & amusing qsl cards.

Paper qsl cards may never be completely replaced, I don't know...but I think we subject ourselves to unnecessary risks by receiving paper. I'd like to react to this new threat by limiting unnecessary risks.

Lee Hopper, KD7CTF
Portland, OR, USA

Date: Sat, 27 Oct 2001 19:40:22 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [109766] Defined QRP Frequency
Message-ID: <Pine.LNX.4.33.0110271926230.1567-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thinking is often bad for your health, but I am thinking that the current credited QRP frequencies are un-known by the FCC and ignored by the ARRL who is to busy saving 2,490 MHz to do anything else.

The xx.060 that is quoted here as the area where QRP operators should operate were defined by use, and good at insepction because it got us away from the KW guys below xx.050 and it did.

But two things have happened since this was first defined. FIST has defined their calling frequency to be xx.058. And the very sucessful Pactor using Ham Radio e-mail service is at xx.065 Lower Sideband! This tends to not bother xx.060 but xx.063 is un-usable. So we move down and hit the FIST people running at least 100 watts.

So I suggest that the QRP groups should look again at the bands and see if there isn't a better frequency to use as our own. Yesterday evening I went to 80 meters as a Zombie on 35.6 MHz. I was run out of town because they were passing traffic there! We need to look more close at 80 meters.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sat, 27 Oct 2001 19:59:38 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu
Subject: [109767] Why 14.060?
Message-ID: <20011027.195941.-215183.4.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Because when the QRP-ARCI and the Gqrp groups started in the 60's and 70's that was one of the frequencies and the digi nerds were far above and mostly at that time only RTTY, and the ones that run packet and pactor or tor moved in without the benefit of a receiver and refuse to move back up the band. There were numerous cw activities up to 14065 that were ruined and run off by the digi activities of the past couple of years - including not on 20 but 80, the 3579 colour burst frequency. Now that band is not , for cw, usable above 3574. There are so many special interest nets such as the fists which are crammed up against the qrp calling freq on every band except 40, county hunters, boatanchor-glowbug working freq at 14.050 etc, that 14.060 is about the only place available. And the digi's are doing the same on 40, 30 and 15 - so it is only a matter of time.

Date: Sat, 27 Oct 2001 22:00:04 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-1@Lehigh.EDU>
Subject: [109768] Have FD Results now-Thanks
Message-ID: <3BDB66A4.F76441DD@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to those who responded to my call for the FD results. I now have them and was able to find out how we did in 3A Battery, and we did quite well, at least I think so anyway. Our score was higher then last years, so we are doing something right. Again thanks for teh response from many of you.

Fred
VE3FAL

Date: Sat, 27 Oct 2001 22:03:29 -0400
From: "NZ8J" <timcook@erinet.com>
To: <qrp-1@Lehigh.EDU>
Subject: [109769] FS: Heath HD-1410 and HM-11
Message-ID: <020c01c15f54\$bd58f5a0\$6122fea9@nec>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Heathkit HD-1410 dual paddle electronic keyer very nice condition and works well - \$43 shipped

Heathkit HM-11 SWR meter works good, front in exc condition, some marks on the case matches the green HW series- \$22 shipped

Homebrew paddle, single paddle, (some refer to it as a "sideswiper") has a solid 1/4 " brass base, uses vibroplex type contacts, very well built and heavy, doesn't move around. \$30 shipped

2001 ARRL handbook as new \$22 shipped

RSGB VHF/UHF Handbook, 4th edition by G.R. Jessop \$13 shipped

thanks
Tim
NZ8J

Date: Sat, 27 Oct 2001 22:08:05 -0400 (EDT)
From: baltimoremd@baltimoremd.com
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [109770] Re: Defined QRP Frequency
Message-ID: <20011027215944.Q89078-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 27 Oct 2001, Karl F. Larsen wrote:

> So I suggest that the QRP groups should look again at the bands
> and see if there isn't a better frequency to use as our own. Yesterday
> evening I went to 80 meters as a Zombie on 35.6 MHz. I was run out of town
> because they were passing traffic there! We need to look more close at 80
> meters.

Perhaps if those that are not rock bound can keep notes on various
"windows", rather than discrete frequencies, we could have more options.

I'd like to see in the bands that have novice allocations some indication
of open areas.

Another approach would be to post known frequencies that are the 'turf' of
some other service/mode/group...and then look for spots not staked out.

I think not only do we need calling frequencies, but also some suggested
working frequencies that when used via a qsy would free up the calling
ones.

A lot of the above has been posted here...we just need to collect and
organize the information.

73
Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Sat, 27 Oct 2001 22:08:35 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: QRP-L <qrp-l@lehigh.edu>, FP List <fpqrp-l@mpna.com>
Subject: [109771] Looking for Cushcraft R7 owners
Message-ID: <3BDB68A2.DCC35F1B@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone had any experience with this:

The first section of tubing on my R7 is loose in the fiberglass. If
there was any type of adhesive in there...it's gone now. The rivet is

still there, and the antenna works fine, just that when fully assembled the antenna wobbles back and forth.

I'm thinking of drilling the rivet out and putting a bolt completely through the fiberglass and tubing. I could also use some epoxy.

Any thoughts?

Paul K4FB

Date: Sat, 27 Oct 2001 22:17:18 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [109772] Contest- Zombie Shuffle @ K4FB
Message-ID: <3BDB6AAE.FBC30021@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

67 q's on 20m
3 q's on 40m
3 q's on 80m

14 Elvii
1 JR
3 Grand Zombies

40m was useless here in Florida. The guys in EU and the Caribbean were just too loud on SSB.

Where were the YL's and Elvirii??? Story of my life...

73
Paul K4FB

Date: Sat, 27 Oct 2001 22:28:12 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <qrp-l@Lehigh.EDU>
Subject: [109773] Re: Defined QRP Frequency
Message-ID: <009701c15f58\$313d5b70\$21dd1b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I'll probably get flamed for this but here goes...

Why do we need a special QRP calling freq?

It seem to me that when any freq is busy, you just QSY.
Not that I do not want to work other QP'ers,
but working the QRO bunch is usually more fun,
especially when they do not believe you are using 5W
or less.

Anyway, we get to work all the other QRPers during
FOX hunts and QRP contests.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

Date: Sat, 27 Oct 2001 22:28:30 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: w8diz@fpqrp.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [109774] Re: Defined QRP Frequency
Message-ID: <3BDB6D4E.EA224AED@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Diz:

I agree with you, I find the QRO guys are amazed, and usually ask - ur
pwr agn ?
Kind of like that.
Makes it even more fun.

Fred
VE3FAL

w8diz wrote:

>

> Hi Gang,
>
> I'll probably get flamed for this but here goes...
>
> Why do we need a special QRP calling freq?
>
> It seem to me that when any freq is busy, you just QSY.
> Not that I do not want to work other QP'ers,
> but working the QRO bunch is usually more fun,
> especially when they do not believe you are using 5W
> or less.
>
> Anyway, we get to work all the other QRPers during
> FOX hunts and QRP contests.
>
> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
> SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
> FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

Date: Sat, 27 Oct 2001 21:52:30 -0500
From: "Mike Malone" <mmalone@worldlogon.com>
To: <w8diz@fpqrp.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109775] Re: Defined QRP Frequency
Message-ID: <000401c15f5b\$978939a0\$6cf5a7cc@malonefamily>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Must be why my tuning knob goes both directions from the QRP calling freq's.
LOL

-----Original Message-----

From: w8diz <w8diz@fpqrp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Saturday, October 27, 2001 9:30 PM
Subject: Re: Defined QRP Frequency

>Hi Gang,
>
>I'll probably get flamed for this but here goes...
>
>Why do we need a special QRP calling freq?
>

>It seem to me that when any freq is busy, you just QSY.
>Not that I do not want to work other QP'ers,
>but working the QRO bunch is usually more fun,
>especially when they do not believe you are using 5W
>or less.
>
>Anyway, we get to work all the other QRPers during
>FOX hunts and QRP contests.
>
>
>72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
>Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
>SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
>FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

Date: Sun, 28 Oct 2001 02:41:53 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: n8mx@yahoo.com, qrp-1@Lehigh.EDU
Subject: [1097776] Re: Free PCB software w/ gerber out
Message-ID: <F77Ek6KIPo8kC6oiatl0000a57c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Hello,
>
>I am looking for a program which will allow me to enter PCB layouts
>(schematic capture would be good too). The catch is that I need to also be
>able to output gerber files, because I can have free PCBs made if I have
>gerber files for them.
>

Eagle Lite from Cadsoft is free for small designs and has schematic capture.
Also autorouting, but it isn't up to much. Ergonomically, it's pretty poor -
too many keystrokes and a weird interface. It will get the job done, though.
I use an excellent new package called Pulsonix, but it's quite expensive.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 27 Oct 2001 21:48:11 -0500
From: Darrel Swenson <k0awb@tcon1.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [109777] Re: Elmer 101 Again = Good Idea!!
Message-ID: <3BDB71EB.1EB0F513@tcon1.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FWIW I agree with Doug.

Doug Hendricks wrote:

>
> Guys, I would love to see the Elmer 101 run again, and just like it was the
> first time, right here on qrp-1. That thread was by far the best one ever
> done on qrp-1. Please do NOT take it off list, do not run a private
> reflector, do it on the list. We have already proven that it works here and
> is valuable, please do it here if you do it again. 72, Doug, KI6DS

I was disappointed to see a couple of weeks ago that the Manhattan 101
project had moved off the list. I really enjoyed those posts and
wondered what happened to them.

Brian wrote:

>
> I have, at the urge of several of you, created a new Yahoo group for the
> MH101 Project involving the Manhattan style build of the Small Wonder Labs
> venerable SWL 30+.
>
> If you are involved in this build, or not but want to be, feel free to join
> the list by sending your subscription request to:
>
> MH101-subscribe@yahoogroups.com
>

Just my \$.02 worth.

72... Darrel... K0AWB

Date: Sat, 27 Oct 2001 19:46:04 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>
Subject: [109778] Contest: Zombie Results K7RE
Message-ID: <3BDB716C.1AD74185@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Boo to all of you weird spirits of Zombie fame:

Had a blast as always. Lot's of activity, and lot's of good conditions too. Here is my breakdown:

Contest: Zombie Shuffle 10-2001

Category:_____Elvis_____ Mode:__CW_ Power: 5 W

Callsign of Operator: K7RE

Exchanged Information: K7RE 559 AZ NR 234 Elvis

Hours of Operation:___4.0_____ Hours.

Band	QSOs	Points	Mult's
160	0	0	0
80	0	0	0
40	35	35	0
20	51	51	0
15	0	0	0
10	0	0	0
6	0	0	0
2	0	0	0
Totals	86	86	0

I still have to add up all of the points.

Got to work Jim, AL7FS and plenty of Elvi. I even got to talk to the head witch, Elvira. Got ot be careful with that gal though. One miss-sent character, and you could become a reptile of her choosing in short order. ;) Thanks to Jan and Paul for their efforts in putting the event together. This one is truly contesting for fun in my book.

Brian K7RE

Date: Sat, 27 Oct 2001 23:31:30 -0400
From: "David Porter" <aa3ur@home.com>
To: <w8diz@fpqrp.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [109779] Re: Defined QRP Frequency
Message-ID: <018c01c15f61\$0951b260\$927ba8c0@jamison1.pa.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree wholeheartedly.

I am not very "religious" about QRP. For example, I rarely use the "/QRP" prefix on my call because it is, for me, a distinction without a difference. I have no transmitter that puts out more than 2 watts. I don't limit myself to the environs around the QRP calling frequencies, although I generally start there because that's where the DSW's power up.

We spend a large amount of time telling others that no one owns frequencies, and yet want dedicated frequencies ourselves. While I dislike the Fists claim to certain frequencies, they usually keep those frequencies occupied. If I find a frequency occupied, I use another.

There is no need to artificially limit our frequencies. We can still look for each other in the vicinity of the existing QRP calling freq's. That's where hundreds of crystals are. If we aren't there, we're somewhere else.

David Porter AA3UR
aa3ur@home.com

----- Original Message -----
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, October 27, 2001 10:28 PM
Subject: Re: Defined QRP Frequency

> Hi Gang,
>
> I'll probably get flamed for this but here goes...
>
> Why do we need a special QRP calling freq?
>
> It seem to me that when any freq is busy, you just QSY.

> Not that I do not want to work other QP'ers,
> but working the QRO bunch is usually more fun,
> especially when they do not believe you are using 5W
> or less.
>
> Anyway, we get to work all the other QRPers during
> FOX hunts and QRP contests.
>
>
> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
> SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
> FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>
>

Date: Sat, 27 Oct 2001 21:39:10 -0600
From: "Rod N0RC" <rod@n0rc.com>
To: <na5n@rt66.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [109780] Re: Zombie Shuffle & the bands
Message-ID: <004701c15f62\$1b37f3d0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul, et.al.

----- Original Message -----
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, October 26, 2001 12:45 PM
Subject: Zombie Shuffle & the bands

...
>

> This is the stupidest, most pointless QRP event yet. So don't miss

Yep! And, that it's appeal--everybody needs a little silly, unabashed
fun now and then!

TNX for the QSO.

73, Rod N0RC

Ft Collins, CO

Date: Sat, 27 Oct 2001 23:01:23 -0500
From: "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [109781] Re: HT Efficiencies
Message-ID: <001901c15f65\$35bd0440\$d3bf1d41@wi.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken, I bought an Icom T2H last year new. It is rugged, but suffers badly from intermod in RF heavy environments, like downtown Milwaukee near where I live. Another problem is the lack of an actual DC power input separate from the charging circuit. I bought an extra AA battery case for it, did some surgery on the case and stuck a regulator circuit in it with a coaxial jack so I could power it from an external 12v source if needed.

Glenn Butzlaff, WE9K

----- Original Message -----
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, October 27, 2001 4:47 PM
Subject: HT Efficiencies

> Gang---
>
> What follows is the list of either oft-recommended ht's or ones I
> thought would fit my needs. Many are more than the \$100-150 range I was
> looking in, but because of high recommendations, it seemed useful to
> include them.
>
> Rig Trans efficiency Recv efficiency
>
> Icom
>
> IC-V8 38% 60%
>
> IQ7A 27% 88%
>
> IQ-T2H 39% 65%

>
 > IQ-T7H 28% 29%
 >
 >
 > Kenwood
 >
 > TH-22 26% 32%
 >
 > TH-G71A 29% 52%
 >
 >
 > Yaesu
 >
 > VX-1R 35% 87%
 >
 > VX-5R 41% 22%
 >
 > VX-150 53% 43%
 >
 >
 > In all but the VX-5R, I used the published power specs. The 5R has
 > something dramatically wrong with it's published receiver power
 > requirements, so I estimated.
 >
 > Many thanks to a number of you who sent suggestions, or who simply said
 > you looked forward to seeing what the final results looked like. Special
 > thanks to Steve N7TX who has patiently provided me with a condensed
 > tutorial on 2m operations and how to assess what local ops are telling
 > me. Again, my point in doing this is simply to use the relative
 > efficiencies of these ht's as one factor among many in assessing what to
 > purchase.
 >
 > Among new rigs, the IC-T2H and VX-150 offer excellent efficiencies,
 > simple rugged construction, and most of the features folks seem to need
 > for normal operating conditions. The reviews in QST and on-line at e-ham
 > are excellent, and give these rigs high marks. Checking around on the
 > web, there are some great deals on both these rigs which bring them
 > within the \$100-150 range. I may end up with one or the other, though
 > some very gracious folks on the list have offered me surplus ht's that
 > I'm also considering.
 >
 > Hope this is of help to more than me!
 >
 > 73
 > Ken KG4FGC
 >
 >

Date: Sun, 28 Oct 2001 00:43:28 -0400
From: Hugo <hugo@optonline.net>
To: pwomble1@tampabay.rr.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [109782] Re: Looking for Cushcraft R7 owners
Message-ID: <006b01c15f6b\$167e2630\$0200a8c0@hugocatt>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

No. I tried that and other things. Evidently you have the older model with the rivets.

Is the fiberglass frayed and/or dull ? If it is, call Cushcraft and order a new section with the improved bolted and glued fiberglass sleeve.

They chargedmmhhh... may be \$45 three years ago.

72,
Hugo
AA1XV
a.k.a. CX9AAK

----- Original Message -----

From: "Paul Womble" <pwomble1@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, October 27, 2001 10:08 PM
Subject: Looking for Cushcraft R7 owners

> Has anyone had any experience with this:
>
> The first section of tubing on my R7 is loose in the fiberglass. If
> there was any type of adhesive in there...it's gone now. The rivet is
> still there, and the antenna works fine, just that when fully assembled
> the antenna wobbles back and forth.
>
> I'm thinking of drilling the rivet out and putting a bolt completely
> through the fiberglass and tubing. I could also use some epoxy.
>
> Any thoughts?
>
> Paul K4FB
>

Date: Sun, 28 Oct 2001 01:59:02 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [109783] Re: Why 14.060?
Message-ID: <3BDB9EA6.4060503@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Karl F. Larsen wrote:

> I'm a new QRP op and I also use Pactor to get my e-mail when
> camped in my favorite mountain valley. I was surprised that the QRP
> "Calling Frequency" is somehow defined as 14.06. Why? This is on the edge
> of the digital world and makes the only way to move back into the FIST
> defined area.
>
> Why not 14.04 like on 40 meters?

The "usual" QRP frequencies on most bands are 60 kHz from the edge. 40 meters is the exception, because the worldwide allocation is a mere 100 kHz, and 7.060 is usually occupied by voice signals outside the Americas.

On 20 meters, moving down to 14.040 would mean competing with more QRO CW operations. True, there isn't much room to move off 14.060 (the digital stuff tends to start around 14.065), but at least the calling frequency itself is usually free of high-power signals.

Also, the FISTS weren't as big a factor when the QRP calling frequencies were originally chosen. So there used to be more room to move downward than you typically have now.

Date: Sun, 28 Oct 2001 01:41:48 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109784] Re: CQ WW DX SSB Contest Stations (long)
Message-ID: <003401c15f94\$c41b3340\$0200a8c0@pacbell.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was still concerned about how deaf some of the contest stations appear to be this weekend. Here are some facts/tests that I have done today:

My receiver is an FT-1000MP MK V, the same as most of the contest stations use. This is a good receiver that handles strong signals quite well.

I tried upping my power to see if they would be able to hear me. At 100W output they still don't hear anything. At 800W they sometimes get a character or two. At 1500W, it's the same, they seem to be able to just detect I'm there but are not able to complete the contact most of the time. (sorry people - this bit is definately not QRP!!) I'm running an Alpha 87A into a KT34A tribander at 45 feet.

I would say that my station is on a par with many of the contest stations out there. Perhaps they have slightly better antennas than me - let's say they have four 6 element stacked monobanders on 20m - that's about 6 to 10dB more antenna gain than me - equal to, at most, 2 'S' points. So, if I'm receiving them at about S8 to S9, I should be about S6 minimum their end.

Unless they have solid S7+ noise all the time, there is no other explanation that I can come up with other than these guys are simply not running just 1500W - they seem to be running much more than that. I live in a fairly highly populated area with lots of hams all on for the contest. I noted the background noise level I was getting after a station called CQ (presumably with lots of other people calling them). I typically hear 3 or 4 of the stations calling and the noise under them is about S4/S5 on the meter. I cannot believe that the noise level in Barbados or Italy, for example, is anymore than this. So, again, why can't these guys hear my 1500W?

It's not *all* of them by any means. I have successfully worked into Europe many times this weekend, however, I did note that everytime I was able to work a station, their signal was not one of the real loud ones but was just around S5/S6 (about where I'd expect my signal to be at their end!).

Conclusions?

a) Lots of the stations out there are running excessive (illegal) power and don't have the receive capability to match.

b) It's a complete waste of time trying to work them this end of the contest unless you have excessive power yourself. Oh well.....

No flames please - this is just my considered opinion.

Cheers es 72,
Dave Fifield, AD6A

Date: Sun, 28 Oct 2001 09:38:40 +0000
From: Euramcom <mel@euramcom.freesevice.co.uk>
To: <n8mx@yahoo.com>
Cc: <qrp-1@lehigh.edu>
Subject: [109785] Re: Free PCB software w/ gerber out
Message-ID: <E15xmRH-0002Gp-00.2001-10-28-09-41-07@cmailg1.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Sat, 27 Oct 2001 16:27:09 -0400, Andy Meng wrote:

>Hello,
>
>I am looking for a program which will allow me to enter PCB=
 layouts
>(schematic capture would be good too). The catch is that I need=
 to
>also be
>able to output gerber files, because I can have free PCBs made=
 if I
>have
>gerber files for them. I really like the feel of Circad, and=
 would
>consider
>purchasing it if I had that kind of \$\$\$. The trial version=
 doesn't
>allow
>gerber file output. I am in high school working on a rather=
 involved
>radio

>control vehicle project (a bunch of PICs, along with a couple=
FSK
>modems,
>servos, an engine, ATV cameras, 2m data link radios (QRP!),=
video
>overlay
>board, etc.), so we would rather spend money on the hardware=
rather
>than
>expensive software to build PCBs for it. I sorta doubt that such=
a
>program
>exists for free, but I thought it was worth a shot.
>
>72/73,
>Andy N8MX
>www.qsl.net/n8mx
>the project: www.qsl.net/n8mx/tank
>
>
>-----
>Do You Yahoo!?
>Get your free @yahoo.com address at <http://mail.yahoo.com>
>
>

If you can work with DOS, try a DOS version of Quickroute, AFAIK=
it
is now kicking around freebie but with no support.

It's a UK based programme, but a google entry might find it.

Also there's PCtrace, again in DOS, does most if not all of what=
you
want, interface is not as windows like as Quickroute. Again, an
ex-shareware programme now floating around on various archives=
sites
without support.

And finally, ISIS Schematic capture, LISA simulation, and ARES=
pcb
design are a suite from Proteus Shareware, ISTR at

<http://www.labcenter.co.uk>

could get you a trial download.

Regards

Mel

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeserve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freeserve.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Sun, 28 Oct 2001 19:12:39 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<dave@redhotradio.com>
Subject: [109786] Re: CQ WW DX SSB Contest Stations (long)
Message-ID: <000b01c15fa9\$e7442880\$f3f192ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dave and the QRP gang,

> Conclusions?

>

> a) Lots of the stations out there are running excessive
> (illegal) power and don't have the receive capability
> to match.

I think so but what a waste to shout all the 48 hours unless you
use a voice machine but then it is a waste of power.

>

> b) It's a complete waste of time trying to work them
> this end of the contest unless you have excessive
> power yourself. Oh well.....

Better work the others rather than the one who cannot hear you
My opinion a high power station need not to have more than 1K
out even though you are allowed 1,5K because the power and
receiving gain you have will be very imbalance.

>

> No flames please - this is just my considered opinion.

Here's lots of water (flood) so flames will have no effect just another waste of power hi hi.

Good luck Dave and long live QRP that's why I love qrp + CW

vy 73 de YB1B0D
Donny

Date: Sun, 28 Oct 2001 07:47:09 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: <fpqrp-l@mpna.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [109787] TEN IS OPEN
Message-ID: <001501c15fae\$a8af8d30\$21dd1b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

hey all...

Tem meters is open...

just worked V51AS Frank NAMIBIA 28017

-Diz W8DIZ

Date: Sun, 28 Oct 2001 07:03:51 -0600
From: "George, W5YR" <w5yr@att.net>
To: dave@redhotradio.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [109788] Re: CQ WW DX SSB Contest Stations (long)
Message-ID: <3BDC0237.12A7B30A@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One other point to add, Dave:

A lot of "contest operators" are just plain inept or lazy and listen for and work only the "loud" easy stations. "Too much trouble to dig those weak ones out when there are so many loud ones . . ."

I no longer contest, but I have observed that most successful contest stations tend to work the test by layers, spread out over the duration of the contest. This is a common pattern: loudest, strongest stations first; then the next layer; then the next layer; etc. Finally, perhaps during the last couple of hours when most of the big iron has retired, the 100-watt/dipole guys have a chance. We QRPers jump in any time and surprise ourselves and everyone else with our success. Mojo? I don't know . . .

That is true, I believe, on both SSB and CW. With CW, however, I have noticed another "layer" effect, and that is code speed. At the start, the big boys set their keyers and/or loggers for 35-45 wpm and work all the stations they can at that speed. Then as the pickings drop off a little, they drop the speed down 10 wpm and prospect that level. And so on . . .

None of this is offered by way of justification, just othe outcome of watching this style of contesting mature over the years. It clearly must work, since so many of the "big boys" use it and make big scores.

And yes, some run "high-efficiency antenna couplers in the attic." A friend while in the Army in Europe a long time ago used his 50 KW Army station in a contest. Needless to say with a rhombic or two, he ruled any frequency that he wanted.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Dave Fifield wrote:

>
> I was still concerned about how deaf some of the
> contest stations appear to be this weekend.

<snip>

> Conclusions?
>
> a) Lots of the stations out there are running excessive
> (illegal) power and don't have the receive capability
> to match.
>
> b) It's a complete waste of time trying to work them

> this end of the contest unless you have excessive
> power yourself.

Date: Sun, 28 Oct 2001 07:06:49 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [109789] Why QRP Frequencies
Message-ID: <Pine.LNX.4.33.0110280648480.1205-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I forgot the crystal controlled rigs and I even have one. The SMK-1 has a rubbered crystal and mine works just below 7040. But the radios I use every day have vfo's and 2 have two vfo's.

So we need a "QRP" frequency to tell people what crystal to buy for their Tuna Can transmitter.

But we don't need to hold our contests on this QRP frequency, we can do that anywhere that makes sense that day. I'm used to that since the Cub Fox Hunt takes place somewhere between 7.1-7.15, the old Novice sub-band. The regular Fox Hunt is now anywhere between 7.03-.05 which is a good part of the band some of the time. Sure a lot of Mexican SSB non-Ham there now.

On 20 meters I think we should get crystals made for 14.04 because .06 is going to get more interference from Pactor moving down. Start getting them this year.

On 10 meters we need to get 28.04 established. Chase off the CB boys with Dave's amp and make it ours!...:-)

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sun, 28 Oct 2001 08:30:17 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <pwhelton@hal-pc.org>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [109790] Re: 10 Turn Pot for Ten-Tec 1320
Message-ID: <018101c15fb4\$b38b7e20\$2e211c18@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, Pat: I'm not familiar with the ten-tec but if the pot you bought (20k) is the same value and the same physical size then there is no reason why it won't work.. It will give you a 10 times better tuning rate. I built a wm 20 several years ago and wasn't happy with even the ten turn pot. So I put a 5:1 reduction drive in front of it and now it is 50:1 and with a minor mod. I now can cover the whole 20 mtr. band. Just one of many ideas I've had.!!!
carl / kz5ca

----- Original Message -----

From: "Pat J. Whelton" <pwhelton@hal-pc.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, October 27, 2001 7:44 PM
Subject: 10 Turn Pot for Ten-Tec 1320

> I'm getting very close to finishing up the Ten-Tec 1320 and hope to have it
> on the air soon. I happened to be in an electronic parts store today and
> picked up a 10 turn, linear taper, 20K pot made by Duncan Electronics for a
> very good price (\$3.95). I've heard of folks swapping out the 1 turn main
> tuning dial in the 1320 with a 10 turn pot so I jumped at the deal. Is this
> a direct swap out or are there other components I need to change? Thanks
> for your help and I hope to be back on the air again soon after close to a
> 20 year layoff.
>
> 73,
> Pat - KZ5J
>
>

Date: Sun, 28 Oct 2001 09:13:14 -0500
From: "kw3u@warwick.net" <kw3u@warwick.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [109791] the director ma5b cushcraft
Message-ID: <3BDC127A.6467CB72@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi all;

Wondering if anyone has bought, assembled, tried the new cushcraft ma5b 20 thru 10 beam ant? Sounds like a good possible upgrade for me, as no room for A3S type tribander. The instruction/assembly manual is on their website BTW and I printed it out(adobe).

I would be interested in anyone's opinion. the gain for 12 and 17 mtrs are 1.0 and 10,15,20 are 5.3,4.8,3.6 ((DBi)) , the front to back ratio are zero for 12/17. Definately a compromise ant but attractive to someone like me....I could take down my 2 mtr beam on telescoping mast and put it in the tv rotator and be ready to go...

thanks for any suggestions on this new ant.

ps - presently using their R7 on telescoping mast for past 5 years and very

pleased with all aspects of it (especially price as I bought it used)

Jim kw3u

Date: Sun, 28 Oct 2001 08:43:10 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [109792] Re: Why QRP Frequencies
Message-ID: <3BDC0B6E.5F0198FE@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No matter where in the band the calling freq is...that is where EVERYONE will want to be.

This is demonstrated over and over on VHF. When 2m is open...check 144.200 and it's a zoo. Same with 50.125. The stations that move up or down the band will work others...but for some reason the majority of people just don't tune very far from the calling frequency. That is the real problem. Start a campaign to encourage folks to SPREAD out and LISTEN to more than 16.059-14.061.

Exhibit A: Friday night during the Zombie Shuffle...I started out CQing around 14.064. Got a few callers...even a Grand Zombie found me there...but the rate was somewhat slow. After I was able to setup shop

around 14.059.5 the rate was much better.

If everyone would just use those vfo's to tune more than just a small slice of the band...this problem will be go away. Don't move the freqs. I'd rather be challenged to find a clear freq than have a wide open segment. That means people are on the air...which is a good thing.

73

Paul K4FB

Date: Sun, 28 Oct 2001 09:40:49 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: w5yr@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [109793] Re: CQ WW DX SSB Contest Stations (long)
Message-ID: <3BDC18F1.94A0AA32@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George,

>
> 100-watt/dipole guys have a chance. We QRPers jump in any time and surprise
> ourselves and everyone else with our success. Mojo? I don't know . . .
>

And QRPers "expect" success regardless of the situation! They can spend entire weekends calling CQ with no results and expect to be heard first time in a contest!

You are absolutely right about the layer effect. I no longer enter many contests, not I used the layer effect to my advantage when I did. This also works in pile-ups! Good operators will do it because it means more QSOs! Poor operators have been lulled into a false sense of security by ads! They have been told that this or that radio is what the "big boys" use so they go out and buy one and then find they need experience to be successful!

Contests require experience and some realistic assessment of what your station can do! There are still places where you can get this experience if you are willing to invest the time! Work the small state QSO parties. Try volunteering at a real contest operation to gain experience. Get in the fox hunts.

Date: Sun, 28 Oct 2001 09:55:48 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [109794] Re: Why QRP Frequencies
Message-ID: <3BDC1C74.7F2CA759@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl,

>

> So we need a "QRP" frequency to tell people what crystal to buy
> for their Tuna Can transmitter.

>

Maybe the question should be "why have calling frequencies anyway"? In days past there weren't as many QRP stations on and people needed a place to find others who had the same interest. From what I read here, now, there are many more QRPers on the air now than ever before.

>

> But we don't need to hold our contests on this QRP frequency, we
>

This, is, of course, the truth. Why do we insist on holding our contest on our operating frequencies? We don't understand the meaning and use of a calling frequency. You are supposed to initiate a QSO there and move off! Almost no other group "fouls its own nest" like this! What about the other QRPers who want to make a contact? Are they supposed to wait until your QRM clears the frequency?

Think about it, we want our "own" frequency so we can guarantee we will always be able to work another QRPer, but we also use that frequency with no consideration for others!

Date: Sun, 28 Oct 2001 09:01:02 -0600
From: "Len Revelle" <lenrev@ameritech.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109795] RE: CQ WW DX SSB Contest Stations (long)
Message-ID: <JDEJKNHICDBPHBFOCEJMGELGCLAA.lenrev@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I've spent a good deal of my 35 years in ham radio contesting and much of the time reading diatribes from those who either don't participate in the major contests or those who for various reason aren't successful at it. While I tend to run 100 wattt class in most contests, I have worked QRP a few times. I try to sink my "toy" money into antennae for best results.

In regard to comments of lazy or inept operation because the weaker signals get worked last; weaker signals and often slow cw does get worked last but this due to one contesting axiom, RATE, RATE, RATE. After designing, building, and paying for an efficient contest station, one designed to be heard, the desire is to score as big as possible. You can get the strongest, clean sending, and fastest stations in the log at a better rate than the weaker, slower sending stations. As long as I continue to attract the aforementioned I will usually work them in deference to those I have to dig for. The time it takes to work the extremely slow station may either chase several "search and pounce" types off or allow one to try a takeover of the frequency. You will get worked in deference to others if I know you are a badly needed multiplier and this only if I believe the struggle to hear you will produce more points via the multiplier than if I simply ran those who were easy to work.

Do some contest stations run illegal power? I'd venture very few in the US do but I also realise that other governments look at ham radio in a different light. In some countries "radiosport" is much bigger than here. Whether done with the approval of their governments or not, some stations appear in every major contest with major hardware and signals. As above, if I'm loud to you I am likely loud to others, possibly even louder to the contest station with big antennae. I will work those who are easiest to get in the log first.

Lets keep this in perspective. Contest ops appreciate all who jump in and participate and all are welcome but the contest op's goal is different than ours. We run QRP, an exercise in patience and often futility, and it's not reasonable for us to expect others to bow to our desires when they are in conflict. If you aren't recognized within a few calls, move on, maybe later there'll be less QRM, better propagation, or antenna direction and angle will be better for you. It can be done. Yesterday alone I worked nine countries in CQWW running 500mW but it required a lot of search and pounce.

Len Revelle N9IJ

AMA 60055 LSF 7492

QRP-ARCI#10923 QRP-L#2353

ARS#1099 Live Wire#529

lenrev@ameritech.net

Date: Sun, 28 Oct 2001 09:21:44 -0600
From: "Michael Melland" <w9wis@charter.net>
To: <dave@redhotradio.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [109796] Re: CQ WW DX SSB Contest Stations (long)
Message-ID: <000d01c15fc4\$41336300\$524ba842@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave,

I didn't "do" the contest but did pounce on a few stations before and during the contest and noticed the exact same thing. I worked VK stations and others just above the noise floor of my Omni V and had similar sig reports from them. I had a heck of a time getting a reply from several "10+ over" european stations during the test. I think you hit the nail on the head.... I was listening to two "I" prefix stations talking before the contest about their station set-ups on 20 meters and one said to the other he'd be using "around" 5 KW for the contest....

Mike

--
Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-1 #1656 - qrp-parci # 9875 - iparc #252
ars #1075 - <http://www.qsl.net/w9wis>

Date: Sun, 28 Oct 2001 12:04:36 EST
From: RLucch2098@aol.com
To: qrp-1@lehigh.edu
Subject: [109797] FS:YAESU FRG-100 SHORTWAVE RECEIVER LIKE-NEW \$330PPD
Message-ID: <144.3b995e8.290d94a4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Guys;

I have this like-new Yaesu FRG-100,
in the original shipping carton, Manual & power supply.
It belongs to a friend, He only bought it a few months ago but it doesn't say
FRG-100B on it, only FRG-100. Did they(yaesu) not change the numbering on the
radio, he told me it was a 100B.
This is a Great ShortWave Receiver which has been given a 5 * rating in a
shortwave guide book.
Don't miss out on this one.
Anyway, it is like new and will ship for \$330.00 Conus.
No Trades, M/O only.

Date: Sun, 28 Oct 2001 17:17:31 +0000
From: Garie Halstead <k8kfj@ntelos.net>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [109798] Re: Why QRP Frequencies
Message-ID: <3BDBF75B.374FA94E@ntelos.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Sunday, 28 October 2001, W6TOY wrote:

> Think about it, we want our "own" frequency so we can guarantee we will
> always be able to work another QRPer, but we also use that frequency
> with no consideration for others!

Unfortunately, this is done on a daily basis (ever listen to 14336)??
There's a group that occupies that frequency probably 12 hours a day,
every day. They justify it by adding the word "emergency" to their
title.

Personally, I always thought no frequency should have any particular
group's name on it. However, they "own" 14336.

72 //Gary *K8KFJ*

Date: Sun, 28 Oct 2001 12:12:58 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [109799] The Essence of Amateur Radio
Message-ID: <000b01c15fd4\$2ccb21e0\$b568973f@aaacomputer>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://lightning.qrp.com/~wd9eyb/csquarg/cpo/>

These pictures are from the code practice oscillator group building session at the Corporate Square Amateur Radio Group on October 27, 2001. The four builders, Tim May, Danny Bays, Jason Berlen, and Jim Wynne are attending the Wabash Valley Amateur Radio Association Tech Plus class and will soon be ready to take the test for their license. They were assisted by four Elmers, Jim, K9VDQ, Kevin, K9HX, Roy, KG9GN, and Ted, WB9QFE. The CPO was built using circuit boards from FAR Circuits and parts purchased from various vendors. Roy, KG9GN, provided the wood bases.

All four oscillators were completed in less than 2 hours and is a great circuit for a first time builder. The circuit is from previous editions of ARRL's "Now Your Talking". The ARRL should put this project back into "Now Your Talking". In the mean time a PDF file of instructions can be downloaded from ARRL's web page. <http://www.arrl.org/tis/info/pdf/ NYT.pdf>

The builders were all very pleased with their accomplishment and are now asking what are we going to build next. I think the next project might be a T-Kit HF receiver.

Jim, WD9EYB
wd9eyb@arrl.net

Date: Sun, 28 Oct 2001 12:41:39 -0500
From: Joel M Denison <hamjoel@juno.com>
To: qrp-l@lehigh.edu
Subject: [109800] corntesting, calling freq??
Message-ID: <20011028.124139.-16493673.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

high guys and gal

U kneaux ham radio is an addiction for most of u... and
contesting seems to be the heroin of the addiction... as someone pointed
out... rate, rate.... is the only thing that is sacred, the end justifies
the means and those that can't compet need to get outta the way... sounds
like an addick don't it... oh well

callen freq... why whatever freq u call on is a callen freq....
and by the time u got the rst, name state it's time to start calling

again so the callen freq automatically becomes a working freq... guess we needs to apply the testers motto heah.... swim or get outta the pool... hee hee...

seems likely a "general area" can be seen as a callen freq or a qrp freq...and to say that certain folks don't own a freq is to not quite say the truth....cause certain stations gonna come on freq each time weather anybodies bees thair or not...

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Date: Sun, 28 Oct 2001 12:47:16 -0500

From: Joel M Denison <hamjoel@juno.com>

To: qrp-1@lehigh.edu

Subject: [109801] sry ah got disconnected... freq etc...

Message-ID: <20011028.124717.-16493673.2.hamjoel@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

the bands are big... and the qsy knob works fine... learn to use it
nutter big help is to learn to shut off the radio and geaux do utter
things

take controll of ur obsession...

kella joel

in maine

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Date: Sun, 28 Oct 2001 09:48:45 -0800

From: "Bob Tellefsen" <n6wg@earthlink.net>

To: <qrp-1@lehigh.edu>

Subject: [109802] Re: Guantanamo Bay

Message-ID: <MABBJOEABOILMKCJCLFCKEEGCMMA.n6wg@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Yes, Russ, same thing for me. I was KL7SMC in AK from mid-'56 to mid '58.
Great propagation then.
73, Bob N6WG

Date: Sun, 28 Oct 2001 10:57:32 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu
Subject: [109803] 6Y5/W8ILC - 14.008 - 0254z
Message-ID: <20011028.105734.-325393.6.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

good to see W8ILC active on the bands again as I have not
seen nor heard much from him in years. FYI, W8ILC holds
the DXCC Milliwatt 200 plaque #1 from 1980 - an ot qrp'er.
Was knocking off the dx even before Randy AA2U was.

73
Ray
"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Sun, 28 Oct 2001 13:11:32 -0500
From: Dave Fouchey <dafouchey@home.com>
To: hamjoel@juno.com,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109804] Re: sry ah got disconnected... freq etc...
Message-ID: <4.1.20011028130838.0096bd80@localhost>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:47 PM 10/28/2001 -0500, Joel M Denison wrote:
>the bands are big... and the qsy knob works fine... learn to use it
>nutter big help is to learn to shut off the radio and geaux do utter
>things
>take controll of ur obsession...
>

>kella joel
>in maine

Only problem with THAT is I end up doing 'Honey Doo's'...

Hey Joel like the weather we sent ya from the Midwest?

As for QSY'ing that's fine for those who aren't rock bound, and a little common courtesy on the part of our high powered brethren would not be amiss either.

72
Dave
WA4EMR/8
Sterling Heights, MI

>-----
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>Join Juno today! For your FREE software, visit:
><http://dl.www.juno.com/get/web/>.

Date: Sun, 28 Oct 2001 11:36:39 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [109805] CW QRP Calling Frequencies and a Heretical Suggestion (Long)
Message-ID: <B8019C65.E641%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: quoted-printable

I use the QRP calling frequencies for several reasons:

1. I know I will find kindred spirits there, and the probability of a high quality QSO, usually technical in nature is greater than if I call CQ at random.
2. I know that if the band is open, there is an increased probability of getting a QSO if I call CQ, as other QRPers are monitoring the calling frequency.
3. I know that a weak and watery CQ will more likely be responded to at these frequencies as QRP operators that hang around these frequencies know that these signals are workable and will take the time to work me.

4. I increase the probability of making a QSO with my crystal controlled rig, a Tuna Tin 2, in these days where few operators tune for a signal. Also, people on the calling frequencies are more tolerant of the slight :^) chirp on my Tuna Tin 2.

5. QRP contesting is held in and around these frequencies.

You probably have other, equally valid reasons.

I usually operate the highest band open, so here are my comments on the QRP calling frequencies by band,

1. I don't find much activity on 28.060 even when the band is open. This is particularly true during Sporadic-E events. I have called CQ for a half hour

at a time when the beacons showed the band is open to major metropolitan areas and not received a reply. WB5QYT usually answers me though for a QSO through the mountain. In short, I don't think that there is much practical use of a QRP calling frequency on 10 M, except during contests. There probably doesn't need to be, though, since contacts are easy to make with QRP on 10 M, even with SSB. The 10 M FM repeaters can be a blast. The band is usually open to South America in early afternoon and DX is pretty easy to work. =20

2. I am not sure where the QRP calling frequency on 12 M is, 24.908 MHz?, but there is so little CW activity on that band, even the QROers are happy to find someone to work.

3. I find 21.060 to be very productive as a QRP calling frequency. I almost always get a response to CQs when the band is open, and there isn't much QRM

from other activities such as the digital modes and FISTers. It is productive to monitor 15 M during QRP contests, even if it isn't open at the start of the contest. I caught Dean Manley in Hawaii during a 10 minute opening that way several years ago in a QRPTTF. W1VT uses the same technique to good advantage.

4. I don't think I have ever heard any QRPers on the 17 M QRP calling frequency of 18.092, a fact that is driven in part at least by that also being the Hell calling frequency. None the less, I find QRP CW contacts on 17 M to be easy to make and the need for a calling frequency to be somewhat less than on other bands.

5. On 20 M things get interesting. I find 14.060 MHz a very useful calling

frequency, with lots of QRP activity and nearly 100% assurance that a CQ will be answered if the band is open at all. The useful range is limited by the FISTers at .058 and the digital modes starting at 0.062 or 0.063 though=

.
Now that leaves about 4 kHz for QRP CW QSOs near the calling frequency. With narrow filters this should support 8 to 12 CW QSOs, but I seldom hear more than 4 or 5 in this range except during a contest. I don't mind the FISTs guys, as they will answer QRP CQs, particularly during a contest, but many people stop tuning for QRP QSOs during a contest when they hit a "normal" FIST QSO.=20

6. 30 M is my favorite QRP band. While the "official" QRP calling frequency of 10.108 MHz has a "spook" RTTY station on it most of the time here, the de facto calling frequency of 10.118 MHz is a good alternative. It is easy to find a CW QSO on 30 M, and the power restrictions along with a dearth of gain antennas make QRP more competitive on 30 M than on the other bands. The digital stations are nicely segregated to the upper portion of the band, so there is little annoyance from that source. Yes, in my estimation, 30 M is just about the ideal QRP band.

7. I find the 7.040 MHz calling frequency a mixed bag. It is pretty useful during the day when the band is open on short skip. It becomes less useful at night when RTTY and SSSB (Spanish SSB) signals encroach. Narrow filters are very useful in dealing with this interference. Now there isn't much that can be done about the situation on 40 M. The rest of the world only have 7.0 - 7.1 as a ham band so they must cram everything into our CW band. The International QRP calling frequency of 7.030 is pretty much overrun with Chicken Fat operators here in the US so that is out. Going higher in the band to 7.060 runs into international SSB use. Faced with this mess, I often QSY to 30 M. Out of sight, out of mind. I still kick myself for not getting a DSW-30 when I had a chance.

8. I don't operate 80 M very often and have not used the QRP calling frequency there much if at all. QRN makes QRP tough at times, but winters during sunspot lows can be heaven for DX.

9. I do like 160 M, but like 10 M, the calling frequency isn't too productive. It can be hard to make CW QRP QSOs there, so I am not too picky about where I start. My belief is that QRP activity on 160 M is not sufficient to make a calling frequency useful.

We must face the fact that CW is no longer the "utilitarian" mode in

telecommunications or even ham radio. This is not necessarily good or bad, it is just a fact of life we need to accept. CW, the first generation digital mode, has been surpassed by second generation digital modes, RTTY and Hell, third generation digital modes. AMTOR, Packet, and PACTOR, and now fourth generation digital modes, PSK-31 and WSJT. In short, CW will take the same place in telecommunications as horses do in transportation, black powder does in firearms, archery does in hunting, and steam threshers and tractors do in farm implements.

What does this mean to us? We must realize that CW is no longer the mainstream activity in ham radio and be prepared to make compromises to insure our continued existence. As the digital modes become more popular they will drop down in frequency to occupy more and more of our CW bands. The proposed extension of 40 M to 6.9 MHz will help, but this expansion is far from certain.

Since 5 wpm is the entry to the HF bands in the USA, it seems to me that the lower 25 kHz reserved for extra class licensees is a bit irrelevant these days. Opening up this part of the band to all CW operators will release some of the pressure on the CW bands, particularly on 40 M.

In the mean time, if you want to see CW preserved, get on CW often, encourage others to get on CW, and work those 5 wpm newcomers to encourage them to embrace CW as an integral part of their ham radio hobby. - Dr. Megacycle KK6MC/5 "Radio Green Chile"

--=20

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 28 Oct 2001 12:00:40 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [109806] FD 2001: Back Patting
Message-ID: <3BDBF368.11260.9EC640@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

When Al K0FRP processed the CQC Field Day Logs we knew we had beaten the previous

record

for 3A Battery, but of course there was always the possibility that others had as well. So it was

great to find that we came first in 3A Battery, but astounding to see that that we were THIRD

OVERALL. Beaten narrowly by a 15A station and more thoroughly by a 26A.

It was even more astounding to see that there were no fewer than FOUR QRP stations in the top

ten! Not surprisingly, I can find no recognition of that in the editorial comments, and none of the

pictures were id'd as battery class stations (thought I think a couple were).

Might be time for a letter to the editor...

In any case, all QRPers who participated in Field Day deserve a big pat on the back for a very

public demonstration that QRP power is plenty!

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express and Oak Hills Research

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

<http://www.ohr.com>

(303)752-3382

--

Date: Sun, 28 Oct 2001 11:01:58 -0800

From: "N7SG K7FD" <k7fd@hotmail.com>

To: qrp-l@Lehigh.EDU

Cc: elecrafft@qth.net

Subject: [109807] To my QRP friends...

Message-ID: <F77Ix3HCZJzqddqNRDzu000144b1@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Taking a cue from Rod, N0RC, I have re-registered with www.eqsl.cc and updated my qsl. In light of recent events, this method of 'a final courtesy of a qso' seems to make more sense to me. If you wish, please feel free to use eqsl as another avenue to confirm K7FD. And as always, I have traditional cards, too.

73 John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 28 Oct 2001 19:06:53 +0000
From: Larry Cahoon <lejek@erols.com>
To: k8kfj@ntelos.net,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [109808] Re: Why QRP Frequencies
Message-ID: <5.1.0.14.0.20011028184840.00b47d58@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Can we have some tolerance here????

This started out as a request to spread out on the bands for contests and some observations why people don't. Then there are complaints about the packet group on 14.065, then the FISTS on 14.058, and now the county hunters on 14.336. What is our problem? Do we want the entire band? The rules of the hobby are very simple, the first to the frequency "owns" it till they are done. It doesn't matter how they got there or how long they stay. It does get a bit muddled when propagation changes and two guys on the same frequency find themselves in conflict. But the basic rule is very simple. Would you rather the group on 14.336 stayed on 14.336 or picked a different frequency each day? They just might pick 14.060 once a week.

It is nice to have a niche. When we want a QRP to QRP QSO then 14.060 is very useful. We publish that as a QRP calling frequency partly so we can find each other, partly to tell other where they can find us, and yes partly to tell other that we would appreciate it if they choose a different frequency for their QRP QSO so we can all live in peace.

No one has to respect anyones watering holes or respect the published "net" frequencies. But tolerance says the if I know that Joe's net runs on a particular frequency at a particular time, I'm a better person if I choose to find a different frequency that is not in use.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p>

At 05:17 PM 10/28/2001 +0000, Garie Halstead wrote:
>On Sunday, 28 October 2001, W6TOY wrote:

>
> > Think about it, we want our "own" frequency so we can guarantee we will
> > always be able to work another QRPer, but we also use that frequency
> > with no consideration for others!
>
>Unfortunately, this is done on a daily basis (ever listen to 14336)??
>There's a group that occupies that frequency probably 12 hours a day,
>every day. They justify it by adding the word "emergency" to their
>title.
>
>Personally, I always thought no frequency should have any particular
>group's name on it. However, they "own" 14336.
>
>72 //Gary *K8KFJ*

Date: Sun, 28 Oct 2001 12:25:26 -0700
From: "Jim FitzSimons" <cherry@getnet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109809] Re: Defined QRP Frequency
Message-ID: <007b01c15fe6\$4cd30860\$c322893f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had a nice chat on the ten meter band yesterday on psk31.
The other operator was using a K2 at 5W and I was using
a Pegasus at 30W. There were other stronger stations at
plus and minus 100 Hz. There are too many people on RTTY
and Morse who think they own the frequency. I love Morse
and was CW only since 1955, but the psk31 crowd are very
friendly.
Jim W7ANF

----- Original Message -----
From: "Fred Lesnick" <flesnick@tbaytel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, October 27, 2001 19:28 PM
Subject: Re: Defined QRP Frequency

> Diz:
> I agree with you, I find the QRO guys are amazed, and usually ask - ur
> pwr agn ?

> Kind of like that.
> Makes it even more fun.
>
> Fred
> VE3FAL
>
> w8diz wrote:
> >
> > Hi Gang,
> >
> > I'll probably get flamed for this but here goes...
> >
> > Why do we need a special QRP calling freq?
> >
> > It seem to me that when any freq is busy, you just QSY.
> > Not that I do not want to work other QP'ers,
> > but working the QRO bunch is usually more fun,
> > especially when they do not believe you are using 5W
> > or less.
> >
> > Anyway, we get to work all the other QRPers during
> > FOX hunts and QRP contests.
> >
> > 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> > Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
> > SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
> > FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>
>

Date: Sun, 28 Oct 2001 11:29:02 -0800
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [109810] Re: Why QRP Frequencies
Message-ID: <F227YNIPukg3n0pj53X0001454c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Bruce Muscolino <w6toy@erols.com>

>We don't understand the meaning and use
>of a calling frequency. You are supposed to initiate a QSO there and
>move off! Almost no other group "fouls its own nest" like this! What
>about the other QRPers who want to make a contact? Are they supposed >to
>wait until your QRM clears the frequency?

I'd suggest a broader sense of the term 'calling frequency'. How about just considering 14.060MHz (for example) as just a qrp 'hangout' that encompasses frequencies plus or minus a few KHz? A focal point for qrp activity as it were...

If somebody's already got a qso going on 14.060MHz, great! If there are any other qrp'ers on, most likely they'll find me calling up or down a khz or so anyway...

So whatever the original meaning of hf 'calling frequency', I'd suggest we think of it as 'the qrp neighborhood'; those frequencies AROUND 14.060MHz rather than just 14.060MHz. I'd venture to say this is the way it's now perceived by most...

73 John K7FD, known to foul the nest...

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: 28 Oct 2001 19:31:23 America/Fort_Wayne
From: Michael Goins <mgoins@usa.net>
To: qrp-1@lehigh.edu
Subject: [109811] qrp time during contest
Message-ID: <20011028193123.4815.qmail@cpdvg202.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Like several others have said, it's toward the end that the stations list=
en
for everyone. Worked FY5, T44, PJ2, HC8, V73, EA8, FS, J79, and a lot of
others with 1 watt and the homebrew multiband vertical dipole. Some I sat=
and
tried, others were first call pounces. Picked up nine new ones for 1 watt=
ssb.

mike
wb5yjx

Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

Date: Sun, 28 Oct 2001 12:33:10 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109812] eQSLs quick follow-up
Message-ID: <001301c15fe7\$6156ff20\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I've received nice email from people about this eQSL position, and some GREAT cards too!

The unexpected surprise: HOMEBREW eQSL pictures! COOL! With digital cameras, scanners, graphics programs...etc. It's another outlet for your creativity. It's not hard to create a card with a personal touch that says, made my YOU!. The ones I like best are eCards that have pictures of the OP, or pictures of the part of the world you live in.

eQSLs won't, nor shouldn't completely replace paper ones, but I think they're fine for about 80% of QSL activities.

73, Rod N0RC
Ft Collins, CO

Date: Sun, 28 Oct 2001 11:40:05 -0800
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [109813] Re: CW QRP Calling Frequencies and a Heretical Suggestion (Long)
Message-ID: <F250n5fJyXhHHm410T00014327@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I also have been enjoying 30m qrp...but most nights I've been using 10.116MHz to call CQ. I'll try 10.118MHz, too...

73 John K7FD, 30M SST @ 1.9w

>From: "James R. Duffey" <jamesd1@flash.net>

>6. 30 M is my favorite QRP band. While the "official" QRP calling frequency
>of 10.108 MHz has a "spook" RTTY station on it most of the time here, the
>de
>facto calling frequency of 10.118 MHz is a good alternative.

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 28 Oct 2001 13:50:33 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [109814] QSLing
Message-ID: <Pine.LNX.4.33.0110281346000.11895-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Even though I still have the traditional QSL cards, (in fact I will be placing an order with VA3JFF for new ones soon) I have decided to try the eQSL route as an addition to qsling....I like the idea...I have just put a few qsos on there, mainly to the qrp gang....I can't get the ADIF thing to work yet which probably means I'm not doing it right....I will keep trying so I can load many Qs at one time...I have created accounts for both my calls: VE5RC & VE5QRP

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 28 Oct 2001 19:55:49 GMT
From: w2agn@pobox.com (John Sielke)
To: rod@n0rc.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [109815] Re: eQSLs quick follow-up

Message-ID: <3bdd607d.1275985@smtp.snip.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

On Sun, 28 Oct 2001 12:33:10 -0700, "Rod N0RC" <rod@n0rc.com> typed:

>Folks,

>

>I've received nice email from people about this eQSL position, and
>some GREAT cards too!

>

>The unexpected surprise: HOMEBREW eQSL pictures! COOL! With digital
>cameras, scanners, graphics programs...etc. It's another outlet for
>your creativity. It's not hard to create a card with a personal touch
>that says, made my YOU!. The ones I like best are eCards that have
>pictures of the OP, or pictures of the part of the world you live in.

>

>eQSLs won't, nor shouldn't completely replace paper ones, but I think
>they're fine for about 80% of QSL activities.

>

>

>73, Rod N0RC

>Ft Collins, CO

>

>

I agree with Rod. EqsIs are great. I have accounts set up for both
W2AGN and W3IYQ, with custom pictures. However, I am alarmed at some
who have taken a stance of "no more paper QSLs," citing the recent
anthrax scares as reason. Come on guys, really, out of the millions
and millions of pieces of mail daily? If you are don't want to qsl the
old fashioned way, because of money or time considerations (note that
I, being the diplomat I am, did not say cheap or lazy!), say so, but
don't make excuses.

Anyway, I will QSL via eQSL, or paper, or fax if you want. (as long as
you accept a collect fax call, hey, I didn't say I'M not cheap!).

"A QSL is the Final Courtesy of a QSO"

72/73

John W2AGN

John L Sielke W2AGN=20
w2agn@pobox.com

<http://www.qsl.net/w2agn>
=20

Date: Sun, 28 Oct 2001 14:55:55 -0500
From: Pete Burbank <plburbank@kih.net>
To: jamesd1@flash.net,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109816] Re: CW QRP Calling Frequencies and a Heretical Suggestion
 (Long)
Message-ID: <5.0.2.1.0.20011028142711.00ab9490@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dr. Mc
Your comments are right on as usual.
What the heck is a "Chicken Fat Op"???HI??
Is that Bubba or Jr?
All the Best
Pete NV4V
The highlight of the day here is plugging in Dionne Warwick's CD "That's
What Friends Are For"

Date: Sun, 28 Oct 2001 15:08:14 -0500
From: Bob Schreibmaier <k3ph@dxis.monroe.pa.us>
To: mgemm@mtechnologies.com
Cc: qrp-1@lehigh.edu
Subject: [109817] Re: FD 2001: Back Patting
Message-ID: <20011028150814.A3560@dxis.monroe.pa.us>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Congratulations, Marshall, and all the others who worked
Field Day QRP! I really think this is the way to work FD.

> It was even more astounding to see that there were no fewer than FOUR QRP
stations in the top
> ten! Not surprisingly, I can find no recognition of that in the editorial
comments, and none of the
> pictures were id'd as battery class stations (thought I think a couple were).
>
> Might be time for a letter to the editor...
>

> In any case, all QRPers who participated in Field Day deserve a big pat on the back for a very
> public demonstration that QRP power is plenty!

I've been trying to get our local club to try a QRP Field Day for several years now. IMHO, the rules (2x multiplier for CW Qs and 5x multiplier for QRP) favor QRP CW operation. But, I guess we just don't have enough CW and/or QRP ops in the club.

Sure wish they would give me a chance to prove it. 8^)

72,
Bob

--

```
+----- \-\-\ \ -----+
| Bob Schreibermaier K3PH | E-mail: k3ph@dxis.monroe.pa.us |
| Kresgeville, PA 18333 | http://www.qsl.net/k3ph |
+-----+-----+
```

Date: Sun, 28 Oct 2001 15:10:42 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: mgemm@ntechnologies.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
k1zz@arrl.org, w4rh@arrl.org
Subject: [109818] Re: FD 2001: Back Patting
Message-ID: <3BDC6642.4FC696BC@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've got an issue with the results again this year too.

In the rules it plainly says that that for all entrants in the battery classes, that all contacts must be made with 5 watts or less.

There are several stations listed in the various battery classes, that are shown as using up to 100 watts, as indicated by the 2 in the power column.

After the 2000 FD results came out, stations were listed as running up to 100 watts, I had an email exchange with N1ND about this. His replies never did address the issue. He said that some stations

were listed as power level 2 because they didn't follow the guidelines for battery charging.

I've had an email exchange with others listed as power level 2, both after FD2000, and this year. Guess what? They were all running 100 watts and said so.

The contest branch needs to get with the program.

Paul K4FB

Marshall Emm wrote:

> When Al K0FRP processed the CQC Field Day Logs we knew we had beaten the
> previous record
> for 3A Battery, but of course there was always the possibility that others had
> as well. So it was
> great to find that we came first in 3A Battery, but astounding to see that that
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> OVERALL. Beaten narrowly by a 15A station and more thoroughly by a 26A.
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> back for a very
> public demonstration that QRP power is plenty!

Date: Sun, 28 Oct 2001 16:11:51 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [109819] CQ WW
Message-ID: <200110282041.f9SKfCc04426@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Okay, I spent a few hours late last night on 20M to work a few

stations in the contest. I was running the nominal 100 W from the TS130V, as I haven't done up an ALC mod for it yet. My antenna is a marginal, roof mounted, shallow inverted V dipole, appex about 25 feet off the ground. Seab, AA1MY, has seen my set up and is amazed it gets out at all - he just shakes his head every time he sees it :-)
Running QRO into a poor antenna is like running QRP into a good antenna, hi!

Anyway, I worked 11 stations in 10 zones, 01, 02, 04, 06, 08, 09, 14, 15, 20 and 33. I could have worked more stations, but if I had thier zone already, I skipped them. If I timed it right, most every station came back on the first or second call. That means spending a lot of time waiting for the right moment to call. If they got a big pile up going, no sense even adding to the din. If thier not in a run of stations, I nearly always get through on the first try. I happened to run across KL7RA just at the right moment. A minute latter, wouldn't have had a chance! I seem to have a null in the direction of Spain, as none of them could hear me.

So, I don't understand why Dave had so much trouble getting through, but then, I do have the east coast advantage to work into the EU.

72,

Steve, KD1JV in the White Mountains of New Hampshire

"Melt Solder"

<http://www.qsl.net/kd1jv/index.html>

Date: Sun, 28 Oct 2001 15:09:30 -0600

From: Lew Paceley <lew@paceley.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [109820] Re: Small G5RV

Message-ID: <006a01c15ff4\$d5fef780\$6501a8c0@swbell.net>

MIME-version: 1.0

Content-type: text/plain; charset=Windows-1252

Content-transfer-encoding: 7BIT

Doug,

While I was in Dallas I used a half-sized (51 foot) G5RV at about 30 feet or so strung from the peak of my house to a big tree in the backyard. I lived IN the city of Dallas (where there is more asphalt/concrete than earth) and fed the antenna with about 60 ft. of RG8X into an 8 turn, 10" diameter coaxial choke balun which then fed the 12 ft (?) of twinlead to the antenna. I use an old Knwd AT180 tuner at the rig. I found that the antenna worked quite well on 40, 20, and 10 meters. Efficiency appeared poorer for my feedline type and length on 30/15 meters. In fact, I don't think I ever made more

than a handful of contacts on 15m. My experience is that as small multiband wire antenna, the G5RV/2 could work just fine for 40m and higher freq. Had I stayed in Dallas I would have swapped out the coax for window line so my xmission line losses would be lower on 30 and 15 (where the SWR was pretty high). Putzing around with EZ-NEC I found that any wire dipole-like antenna hung at 30 feet, with a wire length between 44' and 66', and fed with low loss feedline and a decent tuner, will work similiarly. You might see some differences in gain/directivity at the higher frequencies and perhaps the match will be a little easier or harder but the end result will be just about the same overall performance. Given a choice of more wire or more height I would have gladly chosen the latter. Another opinion for your consideration...good luck.

72/73,

Lew

N5ZE

Date: Sun, 28 Oct 2001 13:15:22 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [109821] Re: FD 2001: Back Patting
Message-ID: <005d01c15ff5\$a83a3de0\$0200a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Our club was 10th overall apparently (W6PIY). I'm doing everything I can to convince them that we should go QRP. There's quite a few of us QRP'ers in the WVARA now, so, given the high level of success of the other QRP stations this year, I think we stand a chance of getting them to try it next year - I'll keep you posted. BTW, we were 18A.

Cheers es 72,
Dave Fifield, AD6A

Date: Sun, 28 Oct 2001 21:23:20 GMT

From: w2agn@pobox.com (John Sielke)
To: dave@redhotradio.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109822] Re: FD 2001: Back Patting
Message-ID: <3bdd76e4.7011419@smtp.snip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Sun, 28 Oct 2001 13:15:22 -0800, "Dave Fifield"
<dave@redhotradio.com> typed:

>Our club was 10th overall apparently (W6PIY).=20
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>that we should go QRP. There's quite a few
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>of getting them to try it next year - I'll keep
>you posted. BTW, we were 18A.

>
>Cheers es 72,
>Dave Fifield, AD6A
>
>
>

Well, I note that our NJQRP club, WQ2RP finished in the top 10 in the
5A battery class!

John W2AGN

John L Sielke W2AGN=20
w2agn@pobox.com
<http://www.qsl.net/w2agn>
=20

Date: Sun, 28 Oct 2001 17:58:01 -0500
From: "Harry Hurst" <wa3ptg@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109823] HB - crystal filters & hb receivers
Message-ID: <001201c16003\$fec3d5a0\$0400a8c0@home.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I recently built a hb ne602 superhet for 40. What an education! If you want compact, build a kit, if you want to learn something, build it manhattan style, and experiment!

Anyway, over the weekend, while listening to ssb all the way down into the extra class cw segment, it occurred to me that the receiver was receiving ssb just fine, and was broad as a barn. Not good.

I replaced the 300 pf sm caps in the filter with 470 pf. Then I discovered the bfo was no longer in the proper range. Fortunately, the filter was built from a big handful of 10 MHz crystals I got for a \$1 at a hamfest. I didn't know -- but should have -- that the resonant frequency would be pulled down by the larger caps. This got me thinking about filters.

I'm reading two stories about crystal filters. One is that the most important characteristic of the filter is that the crystals should be very closely matched. The other is that matching isn't that important, but the Q of the crystals is very important. But I've read the the Q of most computer crystals is poor...

Who's right? -And what is the best line of computer crystals for Q??

I didn't bother with testing Q this time, and the radio works. But maybe if I built a test jig and RF generator, the next radio might be a lot better... Might need a scope soon too...
...and more books.

Still here, meltin solder.

Hap, WA3PTG

Wilmington DE

Date: Sun, 28 Oct 2001 14:50:13 -0700

From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [109824] FOX: The Rules
Message-ID: <3BDC1B25.13143.13A0866@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hi, guys--

Here are the rules for the Winter 40M Fox Hunt in text format for those of you who don't have easy access to the web site www/cqc.org/fox .

QRP-L FOX HUNT
WINTER 2001/2002

The QRP-L Fox Hunts are a series of two hour events during which QRP stations (Hounds) attempt to work specific QRP stations designated as The Fox.

All Hounds will be in competition with each other, as will all Foxes. At the end of the hunt, the winners will be the Hound who has worked the most Foxes, and the Fox who has worked the most hounds. Special recognition may be given in other categories. The Foxes may also participate as Hounds. Good hunting, and make FUN your First Priority!

DEFINITIONS

QRP = 5 watts or less RF output from the transmitter.

QRPP = 1 watt or less RF output from the transmitter.

QRO = Any output power greater than 5 watts.

QTH = State, Canadian Province (or Country if outside US/Can.)

FOX = The station the Hounds try to work.

Hound = Each QRP station trying to work the fox.

RULES:

GENERAL

The hunts will take place each Thursday evening (US time) from Thursday, October 25th, 2001 through Thursday, March 7th, 2002. Each hunt will start at 0200Z, with the exception of the first hunt which will start at 0100Z due to Daylight Saving Time.

The local starting times will all be as follows in the US:

6pm Pacific
7pm Mountain
8pm Central
9pm Eastern

Each hunt will run for two hours.

In each week there will be two Hunts (i.e. with two Foxes) conducted simultaneously.

GUIDELINES

1.1 The Fox tries to complete as many QSOs as possible during the 2 hour hunt.

1.2 Each Fox will have two sessions during the hunt, one before January 1st, 2002, and one after January 1st.

1.3 No later than 5PM EST on the day before Hunt, the Fox will post a notice on QRP-L providing useful details such as his location, equipment, antenna(s), planned starting frequency, etc. Because many Hunters read the QRP-L daily digest, changes after that time will be avoided as far as possible.

1.4 The Fox will operate within +/- 10Khz of 7.040 MHz.

1.5 The Fox will call "CQ FOX DE [callsign]," "QRZ FOX?," or otherwise identify himself as the Fox during the progress of the hunt.

1.6 The Fox may QSY to avoid QRM, but will indicate his intention to do so.

1.7 The Hounds should avoid transmitting on the Fox's transmitting frequency if their equipment permits. Splits (separate transmit/receive capability or XIT/RIT) of up to 5Khz

may be used by some foxes but the Fox will not ordinarily indicate where he is listening and can be expected to change his listening frequency often, depending on the number of stations calling and the frequency spread.

1.8 A valid QSO is defined as the exchange of

Signal Report
QTH
Operator's Name, and
Power Output

Examples:

559 CO ET 500MW
579 ND DOC 5W

The Fox's information may in some cases be "deemed" to be exchanged. That is, the Hunter need not acknowledge the Fox's information, and the Fox may work a list. For example, the Fox may call several stations and acknowledge their information one by one, while sending his own information only once for the list. Foxes may work stations who are not Hounds (e.g. QRO stations)

Hounds may participate at QRPp power levels (1W or less), in which case they should report their power as 1W or as mW as appropriate

Hounds may work each Fox only once per session. Hounds must not work the Fox again using a different callsign (e.g. a club call).

Foxes may also compete as Hounds, and may claim one point for their own sessions as the Fox, and one point for each other Fox operating at the same time (this is to avoid having Foxes abandon their frequencies in order to work each other).

1.9. Each Fox will post his log to QRP-L as soon as practical after the completion of each hunt, ideally within 24 hours of completion of the Hunt. The log is to be in ASCII text format, showing one QSO per line with the following information:

Time	Call	RST (received)	QTH	Operator	Number/Power
------	------	----------------	-----	----------	--------------

For example:

0101 N1FN 559 C0 ET 500MW

Extraneous information such as colons in the time entries, dates, and "QSO numbers" are to be deleted from the Fox's log before posting.

2.0 Hounds will ANSWER a CQ or QRZ? call by the FOX. Hounds do not call CQ, nor do they work each other in proximity to the hunt.

2.1 In his notice to QRP-L, the Fox may include suggestions as to preferred operating procedure, but in the absence of any other instructions the Hound should send his callsign only once after a call by the Fox or the conclusion of a QSO.

2.2 "Sub-contests" are encouraged, but with the exception of the "Teams Competition" are the sole responsibility of the person who decides to organize them.

2.3 At the end of the Hunt, the winners will be everyone who participated. Certificates will be sent to:

The Hound who has worked the most Foxes.

The Hound who has worked the most Foxes at QRPp power levels, and

The Fox who has worked the most Hounds.

Good hunting, and make FUN your First Priority!

For The QRP-L Foxhunt Committee,
N1FN, N1TP, K0EVZ, K7Q0, VE5RC

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382

--

group owns anything. With that in perspective why can't we all just get along together?

If you are going to be on the air on some freq or at some time why not just get on the computer and say i'll be on tonight from time to time on or about freq plus or minus 5 and let people who want to talk to you or need you state call you. This would simply the freq problems we seem to be having. one would just have to listen a couple of minutes before listing his or here freq and all problems would be solved. No one would have to say this is our freq hangout because you would have the whole band to use. I have been a active ham for 37 years and have seen this coming on for a long time HI HI .

If you think this is a bad idea let me know I want melt down if you do
Thanks Dennis Smith w5vaf

Date: Sun, 28 Oct 2001 18:10:48 -0500
From: "Mark S. Adams, P.E." <msadams@acsu.buffalo.edu>
To: qrp-1@Lehigh.EDU
Cc: "Thomas R. Williams" <n2cu@magtrol.com>, Vic G <k2yw@hotmail.com>, k2rsk@buffnet.net, Dick Stein <ds@dicksteinadvertising.com>
Subject: [109827] FD 2001 by W2L Gang
Message-ID: <3565268582.1004292648@ubppp234-191.dialin.buffalo.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Hi Gang,

I can't help but to comment on the 100% QRP battery operation that I was involved with. W2L was the brainchild of our captain, K2ZR. Dick's vision was to go QRP battery with all wire antennas, and boy did it work FB! We finished #2 in 1A. Dick's knowledge of wire antenna design, erection and use was nothing short of astonishing. The Buffalo waterfront (what little of it there is that is not inhabited by industrial gloom) is beautiful in June. I wonder how much aluminum the winning 1A operation sported??

The operators for this event were hard core QRPers K2ZR-Dick and K2Q0-Mark along with semi-QRPer Vic-K2YW, and QROer K2RSK-Peter.

And I do not mind mentioning that my photo of the lighthouse appears on the last page of the article. I can't wait to see how it looks in the magazine as it is just a 2 megapixel photo taken with a Canon Digital Elph.

See y'all next year,
Mark K2Q0

Mark S. Adams, P.E.
University at Buffalo
Occupational and Environmental Safety
220 Winspear Avenue
Buffalo, NY 14215-1034
Tel: 716.829.3301 Fax: 716.829.2704
Pager: 716.774.2260

Date: Sun, 28 Oct 2001 16:11:17 -0700
From: dtayloe@home.com
To: wa3ptg@home.com, qrp-1@Lehigh.EDU
Subject: [109828] Re: HB - crystal filters
Message-ID: <3BDC9095.F1AEEB13@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I suggest using 4 MHz crystals. Since they are lower in frequency, they can be made narrow more easily. Plus, they should work with only minor changes to your apparent 3 MHz VF0 (needs to tune 3 MHz and up rather than 3 MHz and down like you have now).

I would think a 10 MHz IF would be bad news. I once built a receiver using 5 MHz crystals and found I had a whale of a lot of 5 MHz WWV bleeding through the front end. I would 10 MHz wwv would be the same way. 4.000 MHz seems to work out fine other than having a big mixing spur right at 7.000 MHz.

Yes, you want to match the crystal frequency to within 5 to 10% of the desired bandwidth. In practice, go buy about 20 crystals and you will end up with several matched sets. The odd crystals you can use as the BF0 crystals for RX and TX. If you do not have a frequency counter, go spend \$20 and get the Az ScQRPion SSS audio counter kit (a shameless plug here). See

<http://www.extremezone.com/~nk7m/cwaafc.htm>

I have built a lot of ladder crystal filters and gotten great success without measuring the Q. On the other hand, I one built a filter whose frequencies were random and got very bad results (wide with *lots* of passband ripple). Frequency matching seems much more important than Q matching.

I am sure that a great filter would be even better with matched

frequencies and matched Q, but you would need to buy a lot more crystals!

Good Luck!

- Dan Tayloe, N7VE; Phoenix, AZ; Az ScQRPions

Date: Sun, 28 Oct 2001 16:18:07 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: Pete Burbank <plburbank@kih.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [109829] Re: CW QRP Calling Frequencies and a Heretical Suggestion (Long)
Message-ID: <B801E03E.E65D%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Pete - The Chicken Fat Operators are very high speed ops that use keyboards to send 65 wpm+ and copy in their head. I am not sure where the term came from, but I think that their origins go back to 1967 and the incentive licensing era when they took offense at having to take a faster CW test to maintain their lower end CW privileges. They set up just above the extra band and tried to send the fastest CW on the band, even if it wasn't in the extra bands. Maybe someone else more knowledgeable could enlighten us?
_Duffey
--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 28 Oct 2001 16:24:49 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <n5nw@onebox.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [109830] Re: CW QRP Calling Frequencies and a Heretical Suggestion (Long)
Message-ID: <B801E1D0.E65F%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Maarty - I agree with you completely. The allure of CW is now primarily pleasure and nostalgia. And I am happy with that. - Duffey
--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 28 Oct 2001 16:27:49 -0700
From: William R Colbert <w5xe@juno.com>
To: plburbank@kih.net, qrp-1@lehigh.edu
Subject: [109831] Re: CW QRP Calling Frequencies and a Heretical Suggestion
Message-ID: <20011028.162751.-325393.9.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Chicken Fat Operators - 7030 - High speed keyboard operators
50+ wpm

73
Ray

Date: Sun, 28 Oct 2001 18:35:43 EST
From: IamSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [109832] I'm digital dumb
Message-ID: <9c.155e313f.290df04f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Someone had a warbler for sale.
What the heck is the warbler.
Since I been laid up for some time I missed a lot of new things that came up.
Is it the same as PSK-31?
I may as well sell all my CW gear as the last 2 nights I hear BC stations all
the way down to 7.016.
Their on right now so I may as well go digital.
Why does ARRL give CW practice when they don't seem to care if we lose all
our CW space?
Bob
WA2HOQrp <tm>

End of QRP-L Digest 2356
